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ARTER PRES		OR	IGINAL RESEARCH PAPER	Obstetrics & Gynaecology	
		A PR EFF PRE	OSPECTIVE OBSERVATIONAL STUDY ON ECT OF MULLERIAN ANOMALIES ON GNANCY.	KEY WORDS:	
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ABSTRACT	The provided point of parameters of the productive tract involves a series of complex process characterized by the differentiation, migration, fusion & subsequent canalization of multierian system (1). The paramesonephric dust process characterized by the differentiation, migration, fusion & subsequent canalization of multierian system (1). The paramesonephric dust process characterized by the differentiation, migration, fusion & subsequent canalization of multierian system (1). The paramesonephric dust process characterized by the differentiat to mesonephric dusts (2). They are formed by invegination of cools mole epithelium is. The paramesonephric dust paramesonephric dust (2). They are formed by invegination of cools methods and the differentiat form a term of the following situations - 1. Incomplete canalization of vaginas encemptric dust. 2. Bulliver of paratesonephric dust. 2. Bulliver of paramesonephric dust. 3. Bulliver of paramesonephric dust. 3. Beparamesonephric dust. 3. Incomplete canalization of vaginas plate. 3. Beparamesonephric dust. 4. Absent or incomplete canalization of vaginas plate. 3. Beparamesonephric dust. 4. Absent or incomplete canalization of vaginas plate. 3. Beparamesonephric dust. 5. Milling the present study at inst to determine the pregnancy outcome in multerian anomalies. 3. Beparamesonephric dust. 4. Bulling the dust of paramesone plate dust. 3. Beparamesonephric dust. 5. Bip Corr VIE: 5. Best and the maternal & perinatal morbidity in cases of multerian anomalies. 4. Bulling dust. 5. Best and the dust.				

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INTRODUCTION:

- Incidence of mullerian anomalies varies between 3 & 4 %.
- Incidence is found to be high in women suffering from recurrent miscarriage or preterm deliveries -5 to 20 % .⁽⁴⁾
- The first classification to be widely recognised was that of Buttram & Gibbon's in 1979 , which was later revised & modified by AFS $^{\scriptscriptstyle (6)}$
- Other classifications include
- VCUAM classification by oppelt⁽⁶⁾
- Acein & acein classification
- ESHRE ESGE classification⁽⁸⁾
- The ASRM MAC 2021 classifies mullerian anomalies into 9 categories

1. Mullerian agenesis.

- 2. Cervical agenesis.
- 3. Unicornuate uterus.
- 4. Uterus didelphys.
- 5. Bicornuate uterus.
- 6.Septate uterus.
- 7. Longitudinal vaginal setum.
- 8. Transverse vaginal septum.
- 9. Complex anomalies . (9)

Obstetric complications with mullerian anomalies include

- midtrimester miscariage which may be recurrent
- rudimentary horn pregnancy
- cervical incompetence
- · increased incidence of malpresentation
- Preterm labor
- Foetal growth restriction
- Prolonged labor
- Obstructed labor
- Increased cesarean delivery
- Retained placenta PPH
- PPH

AIMS & OBJECTIVES

AIM : The present study aims to determine the pregnancy outcome in mullerian anomalies.

OBJECTIVE : To estimate the maternal & perinatal morbidity in cases of mullerian anomalies.

MATERIALS & METHODS

- This is a prospective observational study conducted in the department of Obstetrics & Gynecology at Guntur General Hospital, a tertiary centre over a period of 3 months.
- Sample size 10.

RESULTS

INCIDENCE OF INDIVIDUAL UTERINE ANOMALIES in the current study of 10 cases:



 So, the most common anomaly of this study is bicornuate uterus.

AGE DISTRIBUTION IN THE CURRENT STUDY:



INCIDENCE OF UTERINE ANOMALIES IN PRIMI,G2,G3,MULTIGRAVIDA:



ASSOCIATION OF MISSCARRIAGES TO UTERINE ANAMOLIES:



MENSTRUAL HISTORY

Only 10 % of cases had history of dysmenorrhea.

OUTCOME OF PRESENT PREGNANCY IN UTERINE ANOMALIES:



MODE OF DELIVERY:-



NEONATAL OUTCOME:



DIAGNOSTIC METHODS:



CONCLUSION

 Mullerian anomalies are associated with increased preterm deliveries, low birth weight, recurrent miscrriages. Asymptomatic course, invasive nature of

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- HSG , lack of MRI at many institutes lead to low rate of diagnosis of mullerian anomalies.
- This study establishes that mullerian anomalies are often associated with increased risk of miscarriage, ectopic pregnancy, preterm delivery, malpresentation, lowbirth weight, increased cesarean section rate but due to small sample size , rarity of disease , statistically significant relationship couldnot be established.

UNICORNUATE WITH NON COMMUNICATING **RUDIMENTARY HORN**



UTERINE DIDELPHUS



BICORNUATE UTERUS



REFERENCES

- Amesse LS , Pffaff Amesse T . Congenital anomalies of reproductive tract .in 1) clinical reproductive medicine & surgery .1st ed. Newyork : Mosby .2007 p 171-190
- Jonathan s.berek . Anatomy and embryology in : shannon L .wallace,eric r. sokol (eds) . Berek & novak's Gynecology .16th ed. Newdelhi : wotter's 2) klumer;2020 p 51.
- Inderbir singh , G P Pal .human embryology .9th ed. Gurgaon :Macmillan 3) publisher.2012. DC Dutta. Congenital malformations of female genital tract.in: Hiralal konar.
- 4) DC Dutta textbook of gynecology.8th ed.New delhi: Jaypee; 2020.p35.
- MA Akhtar .reproductive implications & management of congenital uterine anomalies.BJOG .2019 .vol 127, issue 5/p.e1 13. Oppelt P, Renner SP, Brucker S, Strissed PL, Strick R, Oppelt PG et al .The 5)
- 6) VCUAM classification ,a new classification for genital malformations , fertil steril 2005;84;1493-7.
- Acein P , Acein M . The history of female genital tract malformation 7)
- classification of an updated system. Hum reprod update 2011; 17:693-705. Grimbizis GF,Gordts S ,Di spiezio Sardo et al. the ESHRE/ESGE consensus on 8) the classification of female genital tract congenital anomalies . Hum reprod 2013;28:2032-44.
- 9) Samantha et al .ASRM mullerian anomalies classification 2021.fertility & sterility vol 116.p1238-1252.